

Description & Features

- Internal diaphragm with large working volume
- Low temperature error due to large diaphragm diameter (realisation of low measuring ranges possible)
- Integrated flushing connections (optional)

Applications

- Low pressure
- Bourdon tube pressure gauge
- For aggressive, contaminated
- Filter monitoring

**Specifications****Dimensions (Unit: mm)****■ Mounting**

Direct or remote

■ Diaphragm Material

AISI 316L stainless steel, welded, standard
Option: - AISI 316L stainless steel with PTFE coated

- Tantalum
- Hastelloy C
- Monel
- Other exotic material

■ Wetted Parts Material

AISI 304 stainless steel, standard
Option: - AISI 316 stainless steel

- AISI 316L stainless steel
- AISI 316 stainless steel with PTFE coated
- Tantalum + AISI 316 stainless steel with PTFE coated
- Hastelloy C + AISI 316 stainless steel with PTFE coated
- Monel + AISI 316 stainless steel with PTFE coated
- Other exotic material

■ Minimum operating pressure range

-1...0 bar

■ Maximum operating pressure range

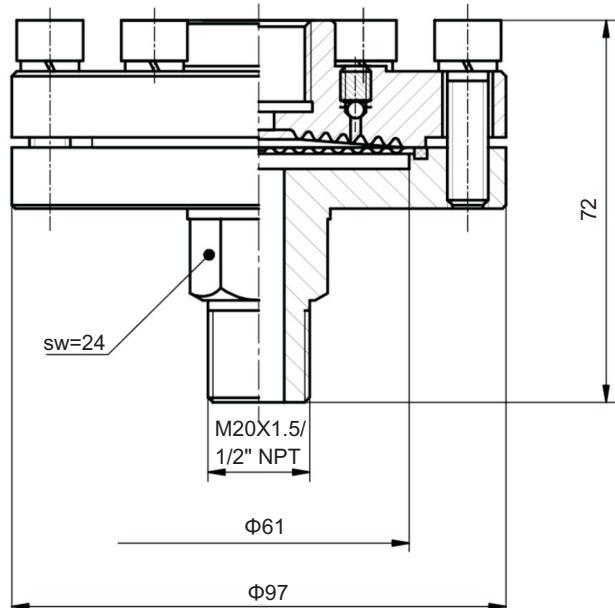
0...60 bar

■ Process connection

G1/2"B, 1/2" NPT, M20X1.5

■ Filled Fluid

Silicone Filled (Limited temperature range: -40/160°C)
High temperature oil (High limited temperature range: 230°C)
Food compatible fluid (Limited temperature range: -20/160°C)
Fluorolube Filled (Limited temperature range: -80/130°C)



Ordering Code D37 Series

Field No.	Code	Specifications
1.	D37	Series
2.	2	Process Connection Size 1/2" 3/8" Z Special request
	3.	Process Connection Thread N NPT G GB T BSPT P BSPP M M20X1.5 Z Special request
		Diaphragm Materials L AISI 316L stainless steel P AISI 316L stainless steel with PTFE coated (-1 bar to 40 bar with PTFE coating -20°C to 250°C with PTFE coating) H Hastelloy C A Tantalum M Monel Z Special request
4.	5.	Wetted Parts Materials T AISI 304 stainless steel S AISI 316 stainless steel L AISI 316L stainless steel P AISI 316 stainless steel with PTFE coated (-1 bar to 40 bar with PTFE coating -20°C to 250°C with PTFE coating) H Hastelloy C + AISI 316 stainless steel with PTFE coated A Tantalum + AISI 316 stainless steel with PTFE coated M Monel + AISI 316 stainless steel with PTFE coated Z Special request
		Assembly D Direct assembly 1 1m 304 stainless steel remote capillary 6 1.5m 304 stainless steel remote capillary 2 2m 304 stainless steel remote capillary 3 3m 304 stainless steel remote capillary 4 4m 304 stainless steel remote capillary 5 5m 304 stainless steel remote capillary 8 8m 304 stainless steel remote capillary Z Special request
		Filled Fluid B Silicone Filled (Limited temperature range: -40/160°C) F High temperature oil (High limited temperature range: 230°C) G Food compatible fluid (Limited temperature range: -20/160°C) E Fluorolube Filled (Limited temperature range: -80/130°C)